

Total investment in energy storage projects of 5 billion





Overview

What are the different types of energy storage technologies?

Pumped hydro, batteries, hydrogen, and thermal storage are a few of the technologies currently in the spotlight. The global battery industry has been gaining momentum over the last few years, and investments in battery storage and power grids surpassed 450 billion U.S. dollars in 2024. Find the latest statistics and facts on energy storage.

Will energy storage growth continue through 2025?

With developers continuing to add new capacity, including 9.2 GW of new lithium-ion battery storage capacity in 2024 through November 2024 and comparable levels of growth expected through the fourth quarter of 2024, energy storage investments and M&A activity are expected to continue this trajectory through 2025.

Will energy storage grow in 2024?

The energy storage sector maintained its upward trajectory in 2024, with estimates indicating that global energy storage installations rose by more than 75%, measured by megawatt-hours (MWh), year-over-year in 2024 and are expected to go beyond the terawatt-hour mark before 2030.

How many battery storage projects commenced construction in 2025?

In addition to the six projects that reached financial commitment, a further three battery storage projects commenced construction in the first quarter of 2025, with a total of 840 MW / 2.9 GWh in storage capacity / energy output.

How can energy storage support the global transition to clean electricity?

To support the global transition to clean electricity, funding for development of energy storage projects is required. Pumped hydro, batteries, hydrogen, and thermal storage are a few of the technologies currently in the spotlight.



Why should Australia invest in energy storage systems?

Energy storage systems, such as big batteries, are a critical part of Australia's future energy mix and act as a reliable back-up system allowing us to store renewable energy for when it is needed most and keep the lights on under all conditions. It's great to see the high levels of investment we've seen over the past couple of years continue.



Total investment in energy storage projects of 5 billion



Poland's PGE to invest about \$4.7 billion in battery storage projects

Polish utility PGE plans to invest about 18 billion zlotys (\$4.7 billion) in battery storage projects, CEO Dariusz Marzec said on Monday.

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Greenergy announces an investment of EUR3.5 billion until 2027 to

Greenergy, a Spanish multinational clean energy producer, has unveiled its 2025-2027 strategic plan during Capital Markets Day in London, announcing an investment of ...

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Enel plans 2.3 GW of battery energy storage through 2027

Italian energy company Enel will invest EUR 720 million (\$760 million) into BESS and EUR 1.56 billion in hydropower generation as it pivots from solar to onshore wind during ...

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[World Energy Investment 2024 - Analysis](#)

Some 20 commercial-scale carbon capture utilisation and storage (CCUS) projects in seven countries reached final investment decision (FID) in 2023; according to company ...

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How much is the total investment in energy storage and new ...

Investment in energy storage technologies is a pivotal aspect of modern energy strategy. The growing need for reliable and sustainable energy solutions has prompted ...

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Greenergy announces an investment of 3.5 billion euros in energy storage

Oasis de Atacama, with an expected capacity of 2 GW and 11 GWh of storage, is expected to be completed by 2027 with a total investment of 2 billion euros. In 2025, the ...

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Poland secures EUR1.2 billion EU aid for energy storage expansion

The European Commission has approved a EUR1.2 billion aid package to support Poland's rollout of BESS, aiming to establish at least 5.4 GWh of storage capacity. This ...

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[Energy Storage Investments - Publications](#)

Estimates indicate that global energy storage installations rose over 75% (measured by MWhs) year over year in 2024 and are expected to go beyond the terawatt-hour ...

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[Poland Secures \\$3.7B for Energy Shift and Storage ...](#)

Energy Storage Facilities: Over 4 billion zloty will be dedicated to improving the stability of the National Power Grid through the construction of ...

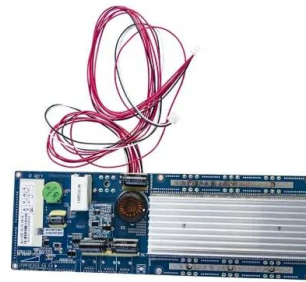
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Energy Storage Sector Investments: \$19.9 Billion Raised in 2024

In 2024, the energy storage sector saw a 5% increase in total investments, reaching \$19.9 billion. However, a notable shift is evident with a decline in venture capital ...

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Economic Benefits of Energy Storage

In the past two years, 25 manufacturing facilities supporting utility-scale battery storage have been announced, including seven already under construction. These facilities represent more than ...

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Renewable Energy Systems and Infrastructure , Energy Storage

Hungary announced a USD 337 million (HUF 120 billion) investment support scheme through grants to support the construction of utility-scale battery storage and its operation for at least ...

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Energy Storage Rides a Wave of Growth but Uncertainty Looms: ...

Through the first three quarters of 2024, 83 energy storage financing and investment deals were reported completed for a total of \$17.6 billion invested. Of these transactions, 18 were M& A ...

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